

R E M A R K S

Claims 1-37 are pending in this application. No new matter has been added by way of the above amendments. For instance, new claims 36 and 37 are supported by originally filed claim 35 as well as the present specification at page 11, lines 9-11, page 12 lines 14-16, as well as Table 1 at page 19 and Examples 3 and 4 and Figures 5 and 7. Accordingly, no new matter has been added.

In view of the following remarks, it is respectfully requested that the Examiner withdraw all rejections and allow the currently pending claims.

Newly added claims 36 and 37

Applicants have added new claims 36 and 37 to complement pending claim 35. These claims recite alternative methods of determining the level of purity of the specifically recited calcium-ion binding proteins. It is important to understand that the peaks in gel filtration chromatographic analysis and the bands in SDS-PAGE analysis are separated on the basis of molecular size. The fact that Annexin V is indicated as a single peak in gel filtration chromatographic analysis or that Annexin VI and coagulation factor X are indicated as a single band in SDS-PAGE means that there exist no other substances having a different molecular size from that of the Annexin V, Annexin VI or coagulation factor X, respectively.

Thus, the experimental results indicate that Annexin V and Annexin VI, and coagulation factor X exhibited 100% purity in view of molecular size. Therefore, Applicants submit that one of ordinary skill in the art would understand that there is a correlation between (1) the results shown in Examples 3 and 4 and Figures 5 and 7, and (2) the purity in a single peak as measured by gel filtration chromatographic analysis.

Allowable Subject Matter

For the reasons cited above as well the reasons previously argued Applicants submit that claims 1-37 are in condition for allowance. Reconsideration and withdrawal of all outstanding rejections are respectfully requested.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Craig M. McRobbie (Reg. No. 42,874) at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By



Marc S. Weiner, #32,181
Craig McRobbie, #42,874

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

MSW/CAM:bmp
0020-4973P